

## Raw Sequence Listing Error Summary

### ERROR DETECTED

### SUGGESTED CORRECTION

SERIAL NUMBER: 09/899,718

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 ☐ Wrapped Nucleics  
    Wrapped Aminos:   The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
  
- 2 ☐ Invalid Line Length   The rules require that a line not exceed 72 characters in length. This includes white spaces.
  
- 3 ☐ Misaligned Amino  
    Numbering           The numbering under each 5<sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
  
- 4 ☐ Non-ASCII           The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
  
- 5 ☐ Variable Length       Sequence(s) \_\_\_\_\_ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
  
- 6 ☐ PatentIn 2.0  
    "bug"               A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) \_\_\_\_\_. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
  
- 7 ☐ Skipped Sequences  
    (OLD RULES)       Sequence(s) \_\_\_\_\_ missing. If intentional, please insert the following lines for each skipped sequence:  
                          (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
                          (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
                          (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
                          This sequence is intentionally skipped  
  
                          Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
  
- 8 ☐ Skipped Sequences  
    (NEW RULES)       Sequence(s) \_\_\_\_\_ missing. If intentional, please insert the following lines for each skipped sequence.  
                          <210> sequence id number  
                          <400> sequence id number  
                          000
  
- 9 ☒ Use of n's or Xaa's  
    (NEW RULES)       Use of n's and/or Xaa's have been detected in the Sequence Listing.  
                          Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  
                          In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
  
- 10 ☐ Invalid <213>  
    Response           Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
  
- 11 ☒ Use of <220>       Sequence(s) \_\_\_\_\_ missing the <220> "Feature" and associated numeric identifiers and responses.  
                          Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
                          (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
  
- 12 ☐ PatentIn 2.0  
    "bug"               Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.



OIPE

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/899,718

DATE: 02/27/2002  
TIME: 13:20:42

*pg 2-4*

Input Set : A:\Sequence Listing.txt  
Output Set: N:\CRF3\02272002\I899718.raw

**Does Not Comply  
Corrected Diskette Needed**

```

3 <110> APPLICANT: Aventis CropScience GmbH
5 <120> TITLE OF INVENTION: Promotor for gene expression in caryopses of plants
7 <130> FILE REFERENCE: 514413-3886
9 <140> CURRENT APPLICATION NUMBER: 09/899,718
10 <141> CURRENT FILING DATE: 2001-07-05
12 <150> PRIOR APPLICATION NUMBER: DE 100 41 861.9
13 <151> PRIOR FILING DATE: 2000-08-26
15 <150> PRIOR APPLICATION NUMBER: DE 100 32 379.0
16 <151> PRIOR FILING DATE: 2000-07-06
18 <160> NUMBER OF SEQ ID NOS: 11
20 <170> SOFTWARE: PatentIn version 3.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 3785
24 <212> TYPE: DNA
25 <213> ORGANISM: Triticum aestivum
27 <400> SEQUENCE: 1
28 gtttggtttc gctgtttttc atttcctttc ttcttaaggg gtaataccaa tgacagtaat      60
30 tcatattgtg taacagtgcg attcttgtgc caattatgta caatttcttt tgtaattggt      120
32 tgtttcatgt tttatttcat tttctttact ttttagggta aaaccaatgc ccccaattca      180
34 ttctacctaa gaggaattc agttttatac tagtttcagt tttattattg tttattaagt      240
36 gtttttagtt ggttttctca tttatgtgta tgcatagaata ttaggggtgt gtgtgcgtgt      300
38 gttaatatata acataagtat tatacaccca tttttgcagt cataaaatta tgcaatttca      360
40 gtacaaattg tgcgcaaact cttcttcatt ttttattttt tattttattt tcttctttaa      420
42 gggtaataacc aatgatacta atttatgcct catttggaaa ttctgttttg aaaattatgc      480
44 tagtacacac ttattcttgt atattatgga aaagcgcaat ttctgtgtaa gttttgtcat      540
46 tctgtatttt ttttcatttt tctttcttct ggaagggtaa cactaatgcc actaattcat      600
48 tcttgcttag aaaactttag tattttgatt gtgttttagt ttttatttca ttttgttct      660
50 tctttaaggg aaataccaat gccactaatc cattccatct tagaaaatct ctttatctta      720
52 caaaaactca acttttatat gcttattcgt gcatattata aaaagcacag tttctatcta      780
54 aattgcgtgc aaactttatc attatttgtc taaattaatt ttttctagaa tgatgatacc      840
56 aatgccacta attcattccg tgagcacgca atatgcggaa tgcctacgta tattagtgg      900
58 gtgcattttt tcatctctca cgcattggca tgcataccct acacatgcac acacacgcat      960
60 acacaacaca tgagcactca cgcgagcaca tgcatacacc tgtgcgcaca cacacgacac      1020
62 cgacacacac gcacagccac atgcgtgcac ttagaaagaa aaaatagaca cgtatacatt      1080
64 ggactggcta gctatactac cgtgtaacac tagtacgttg gtgttgtagc acctattttc      1140
66 aggtgccaca gactagtatt ttcaggcgac tgggatatag ccacggccta ttgtttcgtg      1200
68 tcgtaggacg aaaacggtca tataatgtggc actggccttc tagagactct ccaagaggct      1260
70 caccacctca ccgtgagtga cagcccaccg tcgcgtaaac caccgcattt acgtttcccc      1320
72 gatccgacaa agccagggca cgcacgtacg tgtccatggt ggcacgtgcg tgcgtccctc      1380
74 acgcgcgggt ttggcagcac gtacgtgcta gctgttcata ccagagccgt acgtcaatca      1440
76 agcaaaagag aaaaagaagg ggcgaaagggt gatacgcccg gccgtgtcgt cgtgctgcag      1500
78 aggaagcaat cccgggccat gcagcgccat tgccacgccc cagcgaaaag cgaaggcgag      1560
80 agcgagagca cacatggccc ccagaactga aagcgaggga gcacacgaga aggcgcgtgc      1620

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/899,718

DATE: 02/27/2002

TIME: 13:20:42

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF3\02272002\I899718.raw

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82 gcgtggacat cacagcagga acacccaccg gcagcccacc gggcgggcgc gggcaggaca 1680
84 agaagatgcg tgcacggcgc ggccggcaac ggaagggggc gccgcccggc gacgcacgc 1740
86 aaaggcgcgt cggccagcca cgacgccgct ggaaagcgcg ccggcgaacc gagaatgtgc 1800
88 caggctgcca gccgtccgc ggtaccacta gtctcgtacg tgtgccactc cactccgctc 1860
90 cgctcggcac gcacgcacgc aggcagaaac aaacaaacaa acaaaaaagt gggtcattca 1920
92 ctccactcaa cgctgccttt caggacgatg cttcgggtgc ttaagacacc tacctttgtg 1980
94 tctatgacat gtgagcccaa cagatggctg gccacatgt cagtgatcca aaggcagggtg 2040
96 cttttaaagc accgaagctg cgtcccgcct ttcattacac gggccatgca tgcgggtgcg 2100
98 tgccgtcccg tctaggcgtt cgggtgccg cgcgtgcat gcatgcacga ggagcggagc 2160
100 ggagcgggta ttggggatcc agccaccgga ggactgagcg agcgggcgag tacaataaac 2220
102 cccactcacc ggagccacgc accgttcgtt tccttgagtc ccgtcacttt cgcccggccg 2280
104 cccacacacac tacaaccagg agcctcgatc tgccagtga gaagaagaag gacactcacg 2340
106 aatgcccggc cggcgactgt gactacgctc ccgtccagga agaagaaga gaagaagaag 2400
108 cagaagaaga agaagcagaa gaagagatca gaccaggtac gcacgaacgt atatagtcag 2460
110 gccggcccag ttcccggcg ccggacgatg gatagatcga tttagtccg tctcaaatca 2520
112 aggtcgggtt gtctagtagt agatagatcc atccaaatgc cgccatgttg ttagatccag 2580
114 agtctcttcc tttttactta aagatcgcg cgttaagtgt aggatcttcc tatagattcg 2640
116 tagatttaaa atcatgtaaa aattaaaaaa aaagatttaa aatcatgtac tgctagctag 2700
118 gatggatttc tatgtgaacg atcttagatc tgcggaacag atccaatgga ttcattggcg 2760
120 gcctaggggt aattacgact agacagaggc agcataatgc gcgcataaac atttctgttt 2820
122 tctagccgag ttggatcaaa caggtcaggt cagcaccaa ggctttgatt tttgtttgtt 2880
124 tttggcgttg gcgttccact gcacctaca gaacaaatc catttctcag ccagttccac 2940
126 ccctgcaacg cgatttaaca gcttattaat tactaccagt gcggagacag gttcatatat 3000
128 actctggtca tgttaatttg gatttcaaat tcaaatgtaa aatccagaaa acttgactgc 3060
130 aaattctggt ttacttccact actcactaac aatcagtgca gtcgtctctt gctgcaggta 3120
132 gccacacct gcgcgcgcca tggcggtctt ggtcacgtcc cagctcgcca cctccggcac 3180
134 cgctctcagc gtcaccgaca gattccggcg tccaggtttt cagggcctga ggccccggaa 3240
136 cccggcggat gcggcgctcg gcatgaggac tgtcggagcg agcgcgcgcc caaagcaaag 3300
138 caggaaaccg caccgattcg accggcggtg cctctccatg gtggtgcgcg ccacgggcag 3360
140 cggcgcgatg aacctcgtgt tcgtcggcgc cgagatggcg cctggagca agactggcg 3420
142 cctcggcgac gtctcgggg gcctcccgc cgccatggcc gtaagcttgc gccactgctt 3480
144 tcttataaat gtttcttctt gcagccatgc ctgcccgtac aacgggtgcc gtgtccgtgc 3540
146 aggccaaacg tcaccgggtc atggtcatct cccgcgcta cgaccagtac aaggacgctt 3600
148 gggacaccag cgtcatctcc gaggtatata tccgccacat gaattatcac aattcacatg 3660
150 ctctgcaca tttctgcaag actttactga ctggctggat ctgcagatc aaggtcgttg 3720
152 acaggtacga gaggtgagg tacttccact gctacaagcg cggggtggac cgcgtgttcg 3780
154 tcgac 3785

```

157 &lt;210&gt; SEQ ID NO: 2

158 &lt;211&gt; LENGTH: 29

159 &lt;212&gt; TYPE: DNA

C--&gt; 160 &lt;213&gt; ORGANISM: Artificial

162 &lt;220&gt; FEATURE:

163 <223> OTHER INFORMATION: oligonucleotide

165 &lt;400&gt; SEQUENCE: 2

166 cagcaaaagg cgcgtcggcc agccacgac

169 &lt;210&gt; SEQ ID NO: 3

170 &lt;211&gt; LENGTH: 21

171 &lt;212&gt; TYPE: DNA

C--&gt; 172 &lt;213&gt; ORGANISM: Artificial

*insufficient explanation - give source of genetic material (see item 11 on Error summary sheet) (global error)*

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/899,718

DATE: 02/27/2002  
 TIME: 13:20:42

Input Set : A:\Sequence Listing.txt  
 Output Set: N:\CRF3\02272002\I899718.raw

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174 <220> FEATURE:
175 <223> OTHER INFORMATION: oligonucleotide
177 <400> SEQUENCE: 3
178 agaaacaaac aaacaaacaa a 21
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183 <212> TYPE: DNA
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186 <220> FEATURE:
187 <223> OTHER INFORMATION: oligonucleotide
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190 cctttcagga cgatgcttcg gtgccttaag acacctacct ttgtgtctat gacatgtgag 60
192 cccaacagtg gc 72
195 <210> SEQ ID NO: 5
196 <211> LENGTH: 26
197 <212> TYPE: DNA
C--> 198 <213> ORGANISM: Artificial
200 <220> FEATURE:
201 <223> OTHER INFORMATION: oligonucleotide
203 <400> SEQUENCE: 5
204 cccgtctagg cgttcgggtgt ccggcc 26
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208 <211> LENGTH: 12
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219 <210> SEQ ID NO: 7
220 <211> LENGTH: 24
221 <212> TYPE: DNA
C--> 222 <213> ORGANISM: Artificial
224 <220> FEATURE:
225 <223> OTHER INFORMATION: oligonucleotide
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231 <210> SEQ ID NO: 8
232 <211> LENGTH: 18
233 <212> TYPE: DNA
C--> 234 <213> ORGANISM: Artificial
236 <220> FEATURE:
237 <223> OTHER INFORMATION: oligonucleotide
239 <400> SEQUENCE: 8
240 atactctggt catgttaa 18
243 <210> SEQ ID NO: 9
244 <211> LENGTH: 20
245 <212> TYPE: DNA
C--> 246 <213> ORGANISM: Artificial

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/899,718

DATE: 02/27/2002

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Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF3\02272002\I899718.raw

248 <220> FEATURE:  
249 <223> OTHER INFORMATION: oligonucleotide  
251 <400> SEQUENCE: 9  
252 atggcggtc tggtcacgtc 20  
255 <210> SEQ ID NO: 10  
256 <211> LENGTH: 20  
257 <212> TYPE: DNA  
C--> 258 <213> ORGANISM: Artificial  
260 <220> FEATURE:  
261 <223> OTHER INFORMATION: oligonucleotide  
263 <400> SEQUENCE: 10  
264 aggccgccag tcttgctcca 20  
267 <210> SEQ ID NO: 11  
268 <211> LENGTH: 13  
269 <212> TYPE: DNA  
270 <213> ORGANISM: Triticum aestivum  
272 <400> SEQUENCE: 11  
273 ccacacacta caa 13

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/899,718

DATE: 02/27/2002

TIME: 13:20:43

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF3\02272002\I899718.raw

L:160 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2  
L:172 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3  
L:184 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4  
L:198 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5  
L:210 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6  
L:222 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7  
L:234 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8  
L:246 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9  
L:258 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10